

### **Examiner's Amendment**

1. An examiner's amendment to the record is attached. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

2. Authorization for this examiner's amendment was given in a telephone interview with Mr. John T. Bretscher (Reg. 52,651) on October 27, 2008.

**3. In the claims:**

- Please amend claim 9 as attached (by removing the word "for" before each limitation).

9. (Currently Amended) A system for invoking protocol translation in a multicast network supporting first and second protocols, said system comprising:

a network interface for communicating with said network;

a memory for storing information;

a processor coupled to said memory and said network interface; and

a dual-stack host implemented using said memory and said processor:

detecting a first multicast request sent from a source host to a destination host using a first protocol,

Art Unit: 2456

sending, after a predetermined time, a second multicast request to said destination host using each of said first and second protocols, [[and]]

invoking protocol translation to facilitate communication between said source host and said destination host, if a reply to said second multicast request is received from said destination host using said second protocol and no reply is received from said destination host using said first protocol, wherein the protocol translation comprises: generating a proxy address using the first protocol for the destination host, forwarding the proxy address to the source host, creating an alias on a network interface at a translation mechanism in the multicast network, and assigning the proxy address to the aliased network interface to enable the translation mechanism to detect and process packets addressed to the proxy address,

sending a unicast request from the source host intended for the destination host using the proxy address using the first protocol,

detecting the unicast request at the aliased network interface by the translation mechanism,

processing of the unicast request by the translation mechanism to determine an address for the destination host using the second protocol, and

forwarding the unicast request by the translation mechanism to the destination host using the second protocol to establish a connection from the source host to the destination host.

Art Unit: 2456

### **Conclusion**

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Yasin Barqadle whose telephone number is 571-272-3947. The examiner can normally be reached on 9:00 AM to 5:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Bunjob Jaroenchonwanit can be reached on 571-272-3913. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Yasin M Barqadle/

Primary Examiner, Art Unit 2456